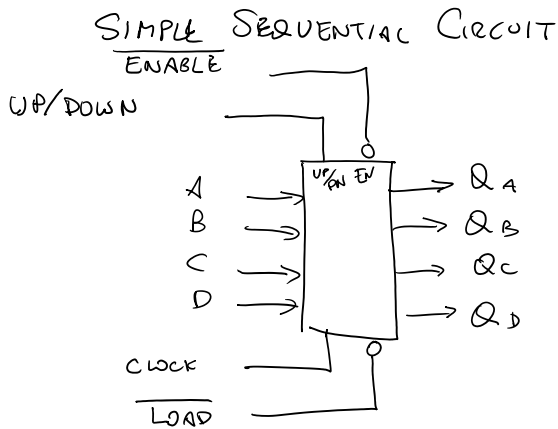


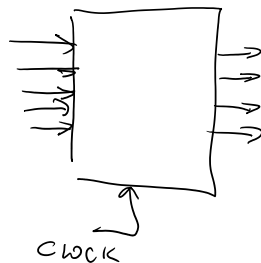
Lecture 2 - Computer Architecture

Thursday, January 23, 2020 11:01 AM

Objectives: - Learn about major computer components and how they interact
- Learn about types of computer architectures



74191 UP/DN COUNTER



MICROPROCESSOR

STORED PROGRAM COMPUTER

→ FETCH - DECODE - EXECUTE

$2^{10} - 1024 - 1K$

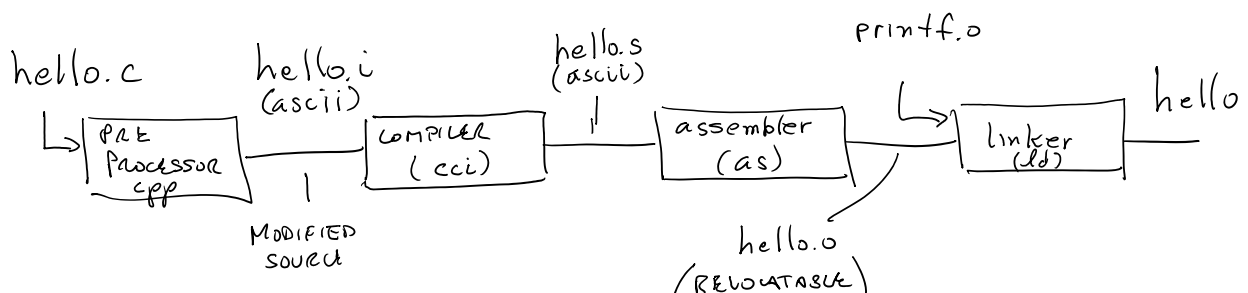
$2^{20} - (1024)^2 - 1M$

$2^{30} - (1024)^3 - 1G$

ADDRESS

0..1023

$1023 = 2^{10} - 1$



gcc -o hello hello.c

("OBJECT")